

Size: 3,579 acres

Mission: Acquire, supply, and dispose of materials needed to sustain combat readiness of Marine Corps forces worldwide; acquire, maintain, repair, rebuild, distribute, and store supplies and equipment; conduct training

HRS Score: 44.65; placed on NPL in December 1989

IAG Status: Federal Facility Agreement signed in July 1991

Contaminants: VOCs, PCBs, heavy metals, pesticides, and PAHs

Media Affected: Groundwater, soil, and sediment

Funding to Date: \$25.9 million

Estimated Cost to Completion (Completion Year): \$18.4 million (FY2017)

Final Remedy in Place or Response Complete Date for All Sites: FY2002



Albany, Georgia

Restoration Background

Since FY85, environmental studies have identified 23 CERCLA sites and 6 RCRA sites. The sites were grouped into six operable units (OUs), including a basewide groundwater OU (OU6) and a site screening group. Site types include disposal areas, storage areas, and landfills. Contaminants include trichloroethene, polychlorinated biphenyls (PCBs), and heavy metals.

An Initial Assessment Study was completed for eight sites in FY85. In FY87, a confirmation study was completed for nine sites, a groundwater recovery system was installed, and a quarterly groundwater monitoring program initiated for the Industrial Wastewater Treatment Plant (IWTP) area. During FY89, the installation completed RCRA Facility Investigation (RFI) activities for nine sites, a corrective measures study (CMS) for one site, and an Interim Remedial Action (IRA) for capping the IWTP sludge beds. In FY90, the state issued an administrative order to complete RCRA closure of the sludge beds at the Domestic Wastewater Treatment Plant (DWTP). The installation completed a Preliminary Assessment in FY91 for one site, and a Remedial Investigation and Feasibility Study (RI/FS) in FY92. In FY93, the Remedial Design (RD) was completed for both sites at OU3; in FY94, OU3 Removal Actions and cleanup activities were completed. An RI/FS work plan was completed, and fieldwork was initiated for all five sites at OU4.

During FY95, the RI/FS for all four sites at OU1 was submitted to the regulators; an IRA was completed for one site at OU1; the RI/FS for OU2 was submitted; and an Engineering Evaluation and Cost Analysis was completed for one site at OU4. The installation also completed a focused FS, signed an interim Record of Decision (ROD), completed the RD for a site at OU5, and

finished RCRA closure of the DWTP sludge beds at Solid Waste Management Unit (SWMU) 3. During FY96, the installation completed construction of a pilot-scale groundwater treatment system, initiated a Treatability Study for one site at OU1, and completed a Removal Action for another site at OU1. A final no further action (NFA) ROD was signed for OU2, and the site was closed. An IRA was completed for one site at OU5.

In FY97, the installation completed the RI/Baseline Risk Assessment (RI/BRA) and its addendum and signed a final ROD for the four sites at OU1: two required NFA and two required institutional controls (ICs). A final ROD was signed for the two sites at OU3: one site received a no further remedial action planned (NFRAP) designation and one site required ICs. The potential sources of contamination screening technical memorandum was completed for nine sites; seven are listed as NFRAP in the RCRA permit. Screening Sites 4 and 21 require further action. The RI/BRA and the NFRAP Proposed Plan for two sites at OU5 were completed. The RFI and the CMS and corrective measures implementation were finished for two SWMUs. Removal Actions were conducted for two sites that were listed as NFRAP in the RCRA permit. EPA Region 4 conducted well sampling for 30 residents for a Public Health Assessment in August. Site tours were conducted for Albany residents.

A technical review committee, formed in FY89, meets periodically. In FY92, a community relations plan was completed, and an information repository and administrative record were established.

FY98 Restoration Progress

The installation completed the RI/BRA for OU4. A final ROD was signed for two sites at OU5 declaring NFRAP for all soil, surface water, and sediment. Continued progress on OU6 includes completing a USGS hydrogeologic framework/basewide groundwater technical memorandum and sampling groundwater at approximately 200 wells and 17 lower water bearing zone (LWBZ) wells to address data gaps. Two screening sites (PSC 4 and 21) were identified for further investigation. Community interest has increased significantly and will play a major role in the future.

Plan of Action

- In FY99, complete and sign a ROD for the five sites at OU4, complete and sign a Land Use Control Assurance Plan with EPA 4 to ensure that all sites with ICs are maintained in the future
- Complete investigation and Remedial Action (RA) at PSC 4 in FY99
- In FY99, plan any investigations and RAs required at PSC 21 and any newly identified SWMUs in FY99
- For OU6, complete RI/BRA and draft FS and conduct sampling at additional LWBZ wells to address new data gaps in FY99
- Complete FS, decision documents, RD, and preliminary planning for RA construction for OU6 in FY01
- Perform long-term operation and monitoring optimization for OU6 in FY01 through FY16

FY99 FUNDING BY PHASE AND RELATIVE RISK

